Interactive Webinar

Towards EU-US Collaboration on the
Internet of Things (IoT) & Cyber-Physical Systems (CPS)

February 02, 2017

A webinar recording, all presentations, and the IoT/CPS Opportunity Report are available on the IoT/CPS Webinar webpage

Background and Objectives

The Internet of Things (IoT) and cyber-physical systems (CPS) are key pillars for future "smart" technological systems and industrial infrastructures, and their enormous potential has been recognized in the EU and the US. The PICASSO project has developed a comprehensive analysis of the drivers, needs, and research and innovation priorities in the EU and the US in these technology domains that will be used as a foundation for the development of promising EU-US collaboration opportunities. The current version of this document is available for download at:

http://www.picasso-project.eu/outreach/project-reports/

The objectives of the webinar were to (a) present and discuss the findings of the IoT/CPS Expert Group with experts from all over the world, and to (b) generate new ideas and recommendations for EU-US research and innovation collaboration.

Webinar Results

The webinar organizers presented the objectives and activities of the PICASSO project and the main results that are described in the IoT/CPS opportunity report to an international audience that consisted of EU and US experts from the IoT and CPS technology domains and different application sectors, as well as representatives from initiatives and organizations that focus on EU-US collaboration and several members of the IoT/CPS Expert Group.

The presentations led into a lively discussion that provided valuable feedback on the technological IoT/CPS research and innovation priorities and themes that were identified in PICASSO, and that led to several pointers towards concrete ideas and potential mechanisms for EU-US collaboration.

Major results of the discussion were:

- The convergence of the Internet of Things with cyber-physical systems will enable a range of novel functionalities for technical systems by "closing the loop" between IoT-enabled measurements and useful actions, and the related challenges are a promising target for joint activities.
- Bringing together non-governmental players, such as industry-led consortia and initiatives, with government agencies may be a promising direction for EU-US collaboration, particularly in the current political climate.

Organizing Committee

Sebastian Engell
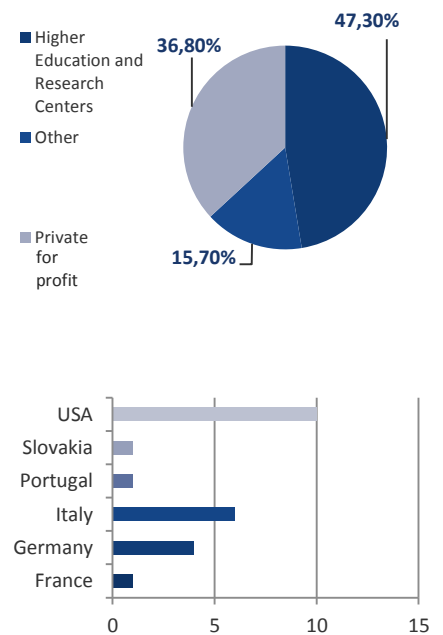Technische Universität Dortmund, Germany
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23 Attendees

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